

OM protein - protein search, using sw model									
Run on: December 15, 2003, 14:58:09 ; search time 21 seconds									
(without alignments)									
Sequence: 1 MAIRRPPRLCARLDPFFL..... VNYIRTDEGGDFRHKSSFV 310	Scoring table: Oligo	Score: 624.589	Million	cell	updates/sec	624.589	Million	cell	updates/sec
Searcher: 328717 seqb, 42310858 residues	Word size : 0	Maximum DB seq length: 0	Minimum DB seq length: 0	Post-processing: Listing first 100 summaries	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.	Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.
SUMMARIES									
Result No.	Score	% Query Match Length	DB ID	Description	Sequence 190, App				
1	7	2.3	14	2 US-08-310-912A-190	190	190	190	190	190
2	7	2.3	14	3 US-09-301-085-190	190	190	190	190	190
3	7	2.3	14	5 PCT-US95-04589-190	190	190	190	190	190
4	7	2.3	52	3 US-09-330-330-9	190	190	190	190	190
5	7	2.3	119	4 US-09-134-00C-528	190	190	190	190	190
6	7	2.3	215	4 US-09-328-352-6750	190	190	190	190	190
7	7	2.3	223	4 US-09-252-991A-32267	190	190	190	190	190
8	7	2.3	224	4 US-09-252-991A-24969	190	190	190	190	190
9	7	2.3	240	4 US-09-232-991A-17237	190	190	190	190	190
10	7	2.3	241	1 US-08-434-272-2	190	190	190	190	190
11	7	2.3	241	1 US-08-476-493-2	190	190	190	190	190
12	7	2.3	241	1 US-08-467-070-2	190	190	190	190	190
13	7	2.3	241	1 US-08-467-070-2	190	190	190	190	190
14	7	2.3	241	5 PCT-US93-11669-1	190	190	190	190	190
15	7	2.3	244	3 US-08-883-086-9	190	190	190	190	190
16	7	2.3	244	4 US-09-589-287B-5	190	190	190	190	190
17	7	2.3	244	4 US-09-588-947A-5	190	190	190	190	190
18	7	2.3	249	2 US-09-154-802-1	190	190	190	190	190
19	7	2.3	249	3 US-09-373-029-1	190	190	190	190	190
20	7	2.3	325	4 US-09-252-991A-31408	190	190	190	190	190
21	7	2.3	333	1 US-08-140-2150-4	190	190	190	190	190
22	7	2.3	333	4 US-09-170-4960-16	190	190	190	190	190
23	7	2.3	333	4 US-09-240-639-11	190	190	190	190	190
24	7	2.3	454	4 US-09-232-991A-28162	190	190	190	190	190
25	7	2.3	494	4 US-09-252-994A-8	190	190	190	190	190
26	7	2.3	503	4 US-09-252-991A-19322	190	190	190	190	190
27	7	2.3	517	4 US-09-252-991A-19322	190	190	190	190	190

## ALIGNMENTS

RESULT 1  
US-08-310-912A-190

Sequence 190, Application US/08310912A

Patent No. 5981730

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staslawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunkel, Barbara N.

APPLICANT: Mindinios, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND DETECTION METHODS

FILE REFERENCE: 00786/254002

CURRENT APPLICATION NUMBER: US/09/301.085

CURRENT FILING DATE: 1999-04-28

EARLIER APPLICATION NUMBER: 08/310,912

EARLIER FILING DATE: 1994-09-22

EARLIERER APPLICATION NUMBER: 08/227,360

EARLIERER FILING DATE: 1994-04-13

NUMBER OF SEQ ID NOS: 208

SOFTWARE: FastSEQ for Windows Version 4.0

SEQ ID NO: 190

LENGTH: 14

TYPE: PRT

ORGANISM: Arabidopsis thaliana

US-09-301-085-190

Query Match 2.3%; Score 7; DB 3; Length 14;

Best Local Similarity 100%; Pred. No. 8.6; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy ||||| 256 Lalitlg 262  
Db 5 Lalitlg 11

CURRENT APPLICATION DATA: PCT-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30B

APPLICATION NUMBER: US/08/310,912A

FILING DATE: September 22, 1994

CLASSIFICATION: 536

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 08/227,360

FILING DATE: April 13, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Lech, Karen F.

REGISTRATION NUMBER: 35,238

REFERENCE/DOCKET NUMBER: 100-086/254001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 100254

INFORMATION FOR SEQ ID NO: 190:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-310-912A-190

Query Match 2.3%; Score 7; DB 2; Length 14;

Best Local Similarity 100.0%; Pred. No. 8.6;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

INFORMATION FOR SEQ ID NO: 190:

SEQUENCE CHARACTERISTICS:

LENGTH: 14 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

RESULT 2  
US-09-301-085-190

Sequence 190, Application US/09301085

Patent No. 6262248

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staslawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunkel, Barbara N.

APPLICANT: Mindinios, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND DETECTION METHODS

FILE REFERENCE: 00786/230001

CURRENT APPLICATION NUMBER: US/08/227,360

CURRENT FILING DATE: 13-APR-1994

APPLICATION NUMBER: PCT/US95/04589

FILING DATE:

CLASSIFICATION:

PRIORITY APPLICATION DATA:

APPLICATION NUMBER: 08/227,360

FILING DATE:

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-906

TELEX: 100254

INFORMATION FOR SEQ ID NO: 190:

RESULT 4  
US-09-330-330-9  
Sequence 9, application US/09330130  
Patent No. 6274789

GENERAL INFORMATION:

APPLICANT: Yano, Masahiro  
APPLICANT: Iwamoto, Masao  
APPLICANT: Katayose, Yuichi  
APPLICANT: Saasaki, Takuji  
APPLICANT: Wang, Zi-Xuan  
APPLICANT: Ishimaru, Lisa

TITLE OF INVENTION: RICE GENE RESISTANT TO BLAST DISEASE

NUMBER OF SEQUENCES: 13

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.  
STREET: 225 Franklin Street  
CITY: Boston  
STATE: MA  
COUNTRY: USA  
ZIP: 02110-2804

COMPUTER READABLE FORM:

COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FASTSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/330,330  
FILING DATE: 11-JUN-1999  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: JP 10-181455  
FILING DATE: 12-JUN-1998

ATTORNEY/AGENT INFORMATION:

NAME: Fraser, Ph.D., Janis K.  
REGISTRATION NUMBER: 34,819  
REFERENCE/DOCKET NUMBER: 06501/032001

TELECOMMUNICATION INFORMATION:

TELEPHONE: 617/542-5070  
TELEFAX: 617/542-8906

INFORMATION FOR SEQ ID NO: 9:

SEQUENCE CHARACTERISTICS:

LENGTH: 52 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein

US-09-330-330-9

Query Match 2.3%; Score 7; DB 3; Length 52;  
Best Local Similarity 100.0%; Pred. No. 29;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 256 Lalitlg 262  
Db 37 Lalitlg 43

RESULT 5  
US-09-330-330-9  
Sequence 9, application US/09330130  
Patent No. 6274789

GENERAL INFORMATION:

APPLICANT: Lynn Doucette-Stamm et al  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO STAPHYLOCOCCUS EPIDERMIDIS FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: GTc-007  
CURRENT APPLICATION NUMBER: US/09/134,001C  
CURRENT FILING DATE: 1998-08-13  
PRIOR APPLICATION NUMBER: US 60/064,964  
PRIOR FILING DATE: 1997-11-08  
PRIOR APPLICATION NUMBER: US 60/055,779  
PRIOR FILING DATE: 1997-08-14  
NUMBER OF SEQ ID NOS: 5674  
SEQ ID NO 5228  
LENGTH: 119  
TYPE: PRT  
ORGANISM: staphylococcus epidermidis

US-09-134-001C-5228

Query Match 2.3%; Score 7; DB 4; Length 119;  
Best Local Similarity 100.0%; Pred. No. 61;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 251 Vvlvla 257  
Db 48 Vvlvla 54

RESULT 6  
US-09-328-352-6750  
Sequence 6750, Application US/09328352  
Patent No. 6562958

GENERAL INFORMATION:

APPLICANT: Gary L. Breton et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO ACINETOBACTER BAUMANNII FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: GTc99-03PA  
CURRENT APPLICATION NUMBER: US/09/328,352  
CURRENT FILING DATE: 1999-06-04  
NUMBER OF SEQ ID NOS: 8252  
SEQ ID NO 6750  
LENGTH: 215  
TYPE: PRT  
ORGANISM: Acinetobacter baumannii

US-09-328-352-6750

Query Match 2.3%; Score 7; DB 4; Length 215;  
Best Local Similarity 100.0%; Pred. No. 1e+02; Mismatches 0; Indels 0; Gaps 0;

QY 243 Ggiiggy 249  
Db 100 Ggiiggy 105

RESULT 7  
US-09-252-991A-32267  
Sequence 32267, Application US/09252991A  
Patent No. 6551795

GENERAL INFORMATION:

APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142

RESULT 5

Query Match 2.3%; Score 7; DB 4; Length 240;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 4 RRPRLR 10  
 Db 5 RRPRLR 11

RESULT 8

US-09-252-991A-24969

; Sequence 24969, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196-136

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/074,788

; PRIOR FILING DATE: 1998-02-18

; PRIOR APPLICATION NUMBER: US 60/094,190

; PRIOR FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO 24969

; LENGTH: 224

; TYPE: PRT

; ORGANISM: Pseudomonas aeruginosa

Query Match 2.3%; Score 7; DB 4; Length 243;  
 Best Local Similarity 100.0%; Pred. No. 1.1e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 RRPRLR 10  
 Db 5 RRPRLR 11

RESULT 9

US-09-252-991A-24969

; Sequence 24969, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196-136

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/074,788

; PRIOR FILING DATE: 1998-02-18

; PRIOR APPLICATION NUMBER: US 60/094,190

; PRIOR FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO 17237

; LENGTH: 240

; TYPE: PRT

; ORGANISM: Pseudomonas aeruginosa

Query Match 2.3%; Score 7; DB 4; Length 240;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 4 RRPRLR 10  
 Db 5 RRPRLR 11

RESULT 10

US-08-476-489-2

; Sequence 2, Application US/08476489

; Patent No. 5661004

; GENERAL INFORMATION

; APPLICANT: BROWNING, Jeffrey

; TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC USES THEREOF

; TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC USES THEREOF

; NUMBER OF SEQUENCES: 13

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: c/o FISH & NEAVE Americas

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10020

; COMPUTER READABLE FORM:

; COMPUTER: IBM PC-compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/484,272

; FILING DATE: 27-JUN-1991

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/222,614

; FILING DATE: 27-JUN-1990

; APPLICATION NUMBER: PCT/US91/04588

; FILING DATE: 27-JUN-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/544,862

; FILING DATE: 27-JUN-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: HALLEY JR., James F.

; REGISTRATION NUMBER: 27,794

; REFERENCE/DOCKET NUMBER: B129CIP11

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 596-9000

; TELEFAX: (212) 596-9090

; TELEX: 14-8367

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 241 amino acids

; TYPE: amino acid

; TOPology: linear

; MOLECULE TYPE: protein

US-08-484-272-2

Query Match 2.3%; Score 7; DB 1; Length 241;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 252 VIAVL 258  
 Db 37 VIAVL 43

RESULT 11

US-08-476-489-2

; Sequence 2, Application US/08476489

; Patent No. 5661049

; GENERAL INFORMATION

; APPLICANT: BROWNING, Jeffrey

; TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC USES THEREOF

; TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC USES THEREOF

; NUMBER OF SEQUENCES: 13

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: c/o FISH & NEAVE Americas

; STREET: 1251 Avenue of the Americas

; CITY: New York

; STATE: New York

; COUNTRY: U.S.A.

; ZIP: 10020

; COMPUTER READABLE FORM:

; COMPUTER: IBM PC-compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patent in Release #1.0, version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/484,272

; FILING DATE: 27-JUN-1991

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/222,614

; FILING DATE: 27-JUN-1990

; APPLICATION NUMBER: PCT/US91/04588

; FILING DATE: 27-JUN-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/544,862

; FILING DATE: 27-JUN-1990

; ATTORNEY/AGENT INFORMATION:

; NAME: HALLEY JR., James F.

; REGISTRATION NUMBER: 27,794

; REFERENCE/DOCKET NUMBER: B129CIP11

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 596-9000

; TELEFAX: (212) 596-9090

; TELEX: 14-8367

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 241 amino acids

; TYPE: amino acid

; TOPology: linear

; MOLECULE TYPE: protein

US-08-484-272-2

Query Match 2.3%; Score 7; DB 1; Length 241;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 252 VIAVL 258  
 Db 37 VIAVL 43

TITLE OF INVENTION: USES THEREOF  
 NUMBER OF SEQUENCES: 13  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: c/o FISH & NEAVE  
 STREET: 1251 Avenue of the Americas  
 STATE: New York  
 CITY: New York  
 COUNTRY: U.S.A.  
 ZIP: 10020  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US91/04588  
 FILING DATE: 27-JUN-1991  
 CLASSIFICATION: 435  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 07/544,862  
 FILING DATE: 27-JUN-1990  
 ATTORNEY/AGENT INFORMATION:  
 NAME: HALEY JR., James F.  
 REGISTRATION NUMBER: 27,794  
 REFERENCE/DOCKET NUMBER: B129CIP1I  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 596-9000  
 TELEX: 14-8367  
 INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 241 amino acids  
 TYPE: amino acid  
 LENGTH: 241 amino acids  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein  
 US-08-467-070-2  
 RESULT 13  
 US-08-467-070A-2  
 ; Sequence 2, Application US/08467070A  
 ; Patent No. 5795964  
 ; GENERAL INFORMATION:  
 ; APPLICANT: BROWNING, Jeffrey  
 ; APPLICANT: WARE, Carl  
 ; TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA  
 ; TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC  
 ; TITLE OF INVENTION: USES THEREOF  
 ; NUMBER OF SEQUENCES: 13  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: c/o FISH & NEAVE  
 ; STREET: 1251 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: U.S.A.  
 ZIP: 10020  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.25  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US/08/467,070A  
 FILING DATE: 27-JUN-1990  
 CLASSIFICATION: 530  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: PCT/US91/04588  
 FILING DATE: 27-JUN-1991  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 07/544,862  
 FILING DATE: 27-JUN-1990  
 ATTORNEY/AGENT INFORMATION:  
 NAME: HALEY JR., James F.  
 REGISTRATION NUMBER: 27,794  
 REFERENCE/DOCKET NUMBER: B129CIP1I  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 596-9000

TELEFAX: (212) 596-9090  
 TELEFAX: 14-8367

INFORMATION FOR SEQ ID NO: 2:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 241 amino acids

TYPE: amino acid  
 TOPOLOGY: linear  
 MOLECULE TYPE: protein

Query Match 2.3%; Score 7; DB 1; Length 241;  
 Best Local Similarity 100.0%; Pred. No. 1.2e-02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

US-09-467-070A-2

Query Match 2.3%; Score 7; DB 1; Length 241;  
 Best Local Similarity 100.0%; Pred. No. 1.2e-02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 VIALVAL 258

Db 37 VIALVAL 43

RESULT 14

PCT-US93-11669-2

; Sequence 2, Application PC/TUS9311669  
 ; GENERAL INFORMATION:

; APPLICANT: Regents of the University of,  
 ; APPLICANT: California  
 ; TITLE OF INVENTION: LYMPHOTOXIN-BETA, LYMPHOTOXIN-BETA  
 ; TITLE OF INVENTION: COMPLEXES, PHARMACEUTICAL PREPARATIONS AND THERAPEUTIC  
 ; TITLE OF INVENTION: USES THEREOF

; NUMBER OF SEQUENCES: 13

; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: C/O FISH & NEAVE  
 ; STREET: 1251 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: U.S.A.

; ZIP: 10020  
 ; COMPUTER READABLE FORM:

; COMPUTER: Floppy disk  
 ; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS  
 ; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: PCT/US93/11669

; FILING DATE:  
 ; CLASSIFICATION: 424

; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER:

; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:

; NAME: Porembski, Priscilla E.  
 ; REGISTRATION NUMBER: 33,207

; REFERENCE/DOCKET NUMBER: 6134.US.01

; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 847-937-0378

; TELEFAX: 847-938-2623

; TELEFAX:  
 ; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 244 amino acids

; APPLICANT: amino acid  
 ; LENGTH: 241 amino acids

; REFERENCE/DOCKET NUMBER: B129CIP2  
 ; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 596-9000  
 ; TELEFAX: (212) 596-9090

; TELEFAX: 14-8367  
 ; INFORMATION FOR SEQ ID NO: 2:  
 ; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 241 amino acids

; TYPE: amino acid  
 ; TOPOLOGY: linear  
 ; MOLECULE TYPE: protein

PCT-US93-11669-2

Query Match 2.3%; Score 7; DB 5; Length 241;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 VIALVAL 258

Db 37 VIALVAL 43

RESULT 15

US-09-883-086-9

; Sequence 9, Application US/08883086  
 ; Patent No. 6171787

; GENERAL INFORMATION:

; APPLICANT: WILEY, STEVEN  
 ; TITLE OF INVENTION: MEMBER OF THE TNF FAMILY USEFUL  
 ; TITLE OF INVENTION: FOR TREATMENT AND DIAGNOSIS OF DISEASE

; NUMBER OF SEQUENCES: 13

; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: Abbott Laboratories  
 ; STREET: 100 Abbott Park Road  
 ; CITY: Abbott Park  
 ; STATE: IL  
 ; COUNTRY: USA

; ZIP: 60064-3500  
 ; COMPUTER READABLE FORM:

; MEDIUM TYPE: Diskette  
 ; COMPUTER: IBM Compatible  
 ; OPERATING SYSTEM: DOS  
 ; SOFTWARE: FastSEQ Version 2.0

; CURRENT APPLICATION DATA:  
 ; APPLICATION NUMBER: US/09/883.086

; FILING DATE:  
 ; CLASSIFICATION: 424

; PRIORITY APPLICATION DATA:  
 ; APPLICATION NUMBER:

; FILING DATE:  
 ; ATTORNEY/AGENT INFORMATION:

; NAME: Porembski, Priscilla E.  
 ; REGISTRATION NUMBER: 33,207

; REFERENCE/DOCKET NUMBER: 6134.US.01

; TELECOMMUNICATION INFORMATION:  
 ; TELEPHONE: 847-937-0378

; TELEFAX: 847-938-2623

; TELEFAX:  
 ; INFORMATION FOR SEQ ID NO: 9:

; SEQUENCE CHARACTERISTICS:  
 ; LENGTH: 244 amino acids

; APPLICANT: amino acid  
 ; LENGTH: 244 amino acids

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: No. 6171787

US-09-883-086-9

Query Match 2.3%; Score 7; DB 3; Length 244;  
 Best Local Similarity 100.0%; Pred. No. 1.2e-02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 252 VIALVAL 258

Db 40 VIALVAL 46

RESULT 16

US-09-589-287B-5

; Sequence 5, Application US/09589287B  
 ; Patent No. 6403770

; GENERAL INFORMATION:

; APPLICANT: Yu et al.

; TITLE OF INVENTION: Antibodies to Neurotrophin-alpha,  
 ; CURRENT APPLICATION NUMBER: US/09/589.287B

; CURRENT FILING DATE: 2000-06-08  
 ; Prior application data removed - check PALM or file wrapper

; NUMBER OF SEQ ID NOS: 42  
 ; SOFTWARE: PatentIn Ver. 2.1  
 ; SEQ ID NO: 5

; LENGTH: 244  
 ; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-589-287B-5

Query Match 2.3%; Score 7; DB 4; Length 244;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	252	VLAVAL 258		40	VLAVAL 46
Db	40	VLAVAL 46		40	VLAVAL 46

RESULT 17  
 US-09-588-947A-5  
 Sequence 5, Application US/09588947A  
 Patent No. 6562579  
 GENERAL INFORMATION:  
 APPLICANT: Yu et al.  
 TITLE OF INVENTION: Diagnostic Methods Using Antibodies to Neurokine-alpha  
 FILE REFERENCE: PP343PC2  
 CURRENT APPLICATION NUMBER: US/09/588, 947A  
 CURRENT FILING DATE: 2000-06-08  
 PRIOR APPLICATION NUMBER: 09/588, 947  
 PRIOR FILING DATE: 2000-06-08  
 PRIOR APPLICATION NUMBER: 09/507, 968  
 PRIOR FILING DATE: 2000-02-22  
 PRIOR APPLICATION NUMBER: 60/122, 388  
 PRIOR FILING DATE: 1999-03-02  
 PRIOR APPLICATION NUMBER: 60/124, 097  
 PRIOR FILING DATE: 1999-03-12  
 PRIOR APPLICATION NUMBER: 60/126, 599  
 PRIOR FILING DATE: 1999-03-26  
 PRIOR APPLICATION NUMBER: 60/127, 598  
 PRIOR FILING DATE: 1999-04-02  
 PRIOR APPLICATION NUMBER: 60/130, 412  
 PRIOR FILING DATE: 1999-04-16  
 PRIOR APPLICATION NUMBER: 60/130, 696  
 PRIOR FILING DATE: 1999-04-23  
 PRIOR APPLICATION NUMBER: 60/131, 278  
 PRIOR FILING DATE: 1999-04-27  
 PRIOR APPLICATION NUMBER: 60/131, 673  
 PRIOR FILING DATE: 1999-04-29  
 PRIOR APPLICATION NUMBER: 60/136, 784  
 PRIOR FILING DATE: 1999-05-28  
 PRIOR APPLICATION NUMBER: 60/142, 659  
 PRIOR FILING DATE: 1999-07-06  
 PRIOR APPLICATION NUMBER: 60/145, 824  
 PRIOR FILING DATE: 1999-07-27  
 PRIOR APPLICATION NUMBER: 60/167, 239  
 PRIOR FILING DATE: 1999-11-24  
 PRIOR APPLICATION NUMBER: 60/168, 624  
 PRIOR FILING DATE: 1999-12-03  
 PRIOR APPLICATION NUMBER: 60/171, 108  
 PRIOR FILING DATE: 1999-12-16  
 PRIOR APPLICATION NUMBER: 60/171, 626  
 PRIOR FILING DATE: 1999-11-23  
 PRIOR APPLICATION NUMBER: 60/176, 015  
 PRIOR FILING DATE: 2000-01-14  
 PRIOR APPLICATION NUMBER: 09/255, 794  
 PRIOR FILING DATE: 1999-02-23  
 PRIOR APPLICATION NUMBER: 09/005, 874  
 PRIOR FILING DATE: 1998-01-12  
 PRIOR APPLICATION NUMBER: 60/035, 100  
 PRIOR FILING DATE: 1997-01-14  
 PRIOR APPLICATION NUMBER: PCT/US96/17957  
 PRIOR FILING DATE: 1996-10-25  
 NUMBER OF SEQ ID NOS: 42  
 SOFTWARE: PatentIn Ver. 2.1  
 SEQ ID NO 5  
 LENGTH: 244  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 US-09-588-947A-5

Query Match 2.3%; Score 7; DB 3; Length 249;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	18	FPLLIF 24		43	FPLLIF 49
Db	43	FPLLIF 49		43	FPLLIF 49

RESULT 18  
 US-09-154-802-1  
 Sequence 1, Application US/09154802  
 Patent No. 5989322  
 GENERAL INFORMATION:  
 APPLICANT: Y. Tom Tang  
 APPLICANT: Corley, Neil C.  
 APPLICANT: Guegler, Karl J.  
 APPLICANT: Baughn, Mariah R.  
 TITLE OF INVENTION: ATP SYNTHASE SUBUNIT HOMOLOG  
 FILE REFERENCE: PP-0596 US  
 CURRENT APPLICATION NUMBER: US/09/154, 802  
 CURRENT FILING DATE: 1998-09-17  
 NUMBER OF SEQ ID NOS: 3  
 SOFTWARE: PERL Program  
 SEQ ID NO 1  
 LENGTH: 249  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE: -  
 OTHER INFORMATION: 1887516  
 US-09-154-802-1

Query Match 2.3%; Score 7; DB 2; Length 249;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	18	FPLLIF 24		43	FPLLIF 49
Db	43	FPLLIF 49		43	FPLLIF 49

RESULT 19  
 US-09-373-029-1  
 Sequence 1, Application US/09373029  
 Patent No. 6036954  
 GENERAL INFORMATION:  
 APPLICANT: Y. Tom Tang  
 APPLICANT: Corley, Neil C.  
 APPLICANT: Guegler, Karl J.  
 APPLICANT: Baughn, Mariah R.  
 TITLE OF INVENTION: ATP SYNTHASE SUBUNIT HOMOLOG  
 FILE REFERENCE: PP-0596 US  
 CURRENT APPLICATION NUMBER: US/09/373, 029  
 CURRENT FILING DATE: 1998-08-11  
 EARLIER APPLICATION NUMBER: 09/154, 802  
 EARLIER FILING DATE: 1998-09-17  
 NUMBER OF SEQ ID NOS: 3  
 SOFTWARE: PERL Program  
 SEQ ID NO 1  
 LENGTH: 249  
 TYPE: PRT  
 ORGANISM: Homo sapiens  
 FEATURE: -  
 OTHER INFORMATION: 1887516  
 US-09-373-029-1

Query Match 2.3%; Score 7; DB 3; Length 249;  
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	18	FPLLIF 24		43	FPLLIF 49
Db	43	FPLLIF 49		43	FPLLIF 49

RESULT 20  
US-09-252-991A-31408  
SEQUENCE: Sequence 31408, Application US/09252991A  
Patent No. 6551795  
GENERAL INFORMATION:  
APPLICANT: Marc J. Rubenfield et al.  
TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
FILE REFERENCE: 107196.136  
CURRENT APPLICATION NUMBER: US/09/252,991A  
CURRENT FILING DATE: 1999-02-18  
PRIOR APPLICATION NUMBER: US 60/074,788  
PRIOR FILING DATE: 1998-02-18  
PRIOR APPLICATION NUMBER: US 60/094,190  
PRIOR FILING DATE: 1998-07-27  
NUMBER OF SEQ ID NOS: 33142  
SEQ ID NO 31408  
LENGTH: 325  
TYPE: PRT  
ORGANISM: Pseudomonas aeruginosa  
US-09-252-991A-31408

```

RESULT 22
US-09-170-496D-16
; Sequence 16, Application US/09170496D
; Patent No. 6555339
; GENERAL INFORMATION:
; APPLICANT: Behan, Dominic P.
; APPLICANT: Chalmers, Derek T.
; APPLICANT: Liaw, Chen W.
; TITLE OF INVENTION: No. 6555339-Endogenous, Constitutively Activated Human G Protein-FILE REFERENCE: AREN-0040
; CURRENT APPLICATION NUMBER: US/09/170,496D
; CURRENT FILING DATE: 1998-10-13
; NUMBER OF SEQ ID NOS: 294
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 333
; TYPE: PRT
; ORGANISM: Homo sapiens

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Query Match 2.3%; Score 7; DB 4; Length 325;
Best Local Similarity 100.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 0; Mismatches 0; Indels 0
Qy 4 RRRPRLR 10
||||||| . .

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דרכיהם נא

RESULT 21  
US-08-1-08-215A-4  
Sequence 4, Application US/08148215A  
Patent No. 591602

GENERAL INFORMATION:  
APPLICANT: O'Dowd, Brian F.  
TITLE OF INVENTION: Opioid Receptor: Compositions and Methods

NUMBER OF SEQUENCES: 6  
CORRESPONDENCE ADDRESS: 100  
ADDRESSEE: Arnold, White & Durkee  
SPRINTER 121 NO. 5591529th Street Suite 800

CITY: Chicago  
STATE: IL  
COUNTRY: USA

ZIP: 60610  
COMPUTER READABLE FORM:  
MEDIUM: FLOPPY disk  
TYPE: 3.5" 1.44 MB  
FORMAT: QBasic

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatientIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US-A08/148,215A  
FILING DATE: 05-NOV-1993  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION: NAME: No. 5591602thrup, Thomas E. REGISTRATION NUMBER: 33, 268 PREFERENCE/DOCKET NUMBER: Obra003

TELECOMMUNICATION INFORMATION: 1-800-555-1234  
TELEPHONE: 312-744-0090  
TELEFAX: 312-755-4489

INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 333 amino acids

TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-145-215A-4

Query Match Score 7; DB 1; Length 333;  
 Best Local Similarity 100.0%; Prcd. No. 1.6e+02;

APPLICANT: Frischauft, Anna-Maria  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO CD39-LIKE  
 FILE REFERENCE: 9598-06  
 CURRENT APPLICATION NUMBER: US/09/240,639  
 CURRENT FILING DATE: 1998-01-29  
 NUMBER OF SEQ ID NOS: 29  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 11  
 LENGTH: 454  
 TYPE: PRT  
 ORGANISM: Solanum tuberosum  
 US-09-240-639-11

Query Match 2.3%; Score 7; DB 4; Length 454;  
 Best Local Similarity 100.0%; Pred. No. 2.1e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 88 LAGRATI 94  
 Db 250 LAGRABI 256

RESULT 25  
 US-09-252-991A-28162  
 Sequence 28162, Application US/09252991A  
 Patent No. 6551795  
 GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: 107196.136  
 CURRENT APPLICATION NUMBER: US/09/252,991A  
 PRIOR APPLICATION NUMBER: US 60/074,788  
 PRIOR FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/094,190  
 PRIOR FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 28162  
 LENGTH: 454  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-28162

Query Match 2.3%; Score 7; DB 4; Length 494;  
 Best Local Similarity 100.0%; Pred. No. 2.2e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 250 LUVLAVL 256  
 Db 240 LUVLAVL 246

RESULT 26  
 US-09-210-694-8  
 Sequence 8, Application US/09215694B  
 Patent No. 6391583  
 GENERAL INFORMATION:  
 APPLICANT: Wisconsin Alumni Research Foundation  
 APPLICANT: Hutchinson, Charles R.  
 APPLICANT: Kennedy, Jonathan N.m.i.  
 APPLICANT: Park, Cheonseok n.m.i  
 TITLE OF INVENTION: METHOD OF PRODUCING ANTIHYPERCHOLESTEROLEMIC AGENTS  
 FILE REFERENCE: 960296.95718  
 CURRENT APPLICATION NUMBER: US/09/215,694B  
 CURRENT FILING DATE: 1999-12-18  
 NUMBER OF SEQ ID NOS: 36  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 8  
 LENGTH: 503  
 TYPE: PRT  
 ORGANISM: Aspergillus terreus

APPLICANT: Frischauft, Anna-Maria  
 TITLE OF INVENTION: METHODS AND COMPOSITIONS RELATING TO CD39-LIKE  
 FILE REFERENCE: 9598-06  
 CURRENT APPLICATION NUMBER: US/09/240,639  
 CURRENT FILING DATE: 1998-01-29  
 NUMBER OF SEQ ID NOS: 29  
 SOFTWARE: PatentIn Ver. 2.0  
 SEQ ID NO: 11  
 LENGTH: 454  
 TYPE: PRT  
 ORGANISM: Solanum tuberosum  
 US-09-215-694-8  
 Query Match 2.3%; Score 7; DB 4; Length 503;  
 Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 227 SARCBEQ 233  
 Db 435 SARCBEQ 441

RESULT 27  
 US-09-252-991A-19322  
 Sequence 19322, Application US/09252991A  
 Patent No. 6551795  
 GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 FILE REFERENCE: 107196.136  
 CURRENT APPLICATION NUMBER: US/09/252,991A  
 CURRENT FILING DATE: 1999-02-18  
 PRIOR APPLICATION NUMBER: US 60/074,788  
 PRIOR FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/094,190  
 PRIOR FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 19322  
 LENGTH: 517  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-19322

Query Match 2.3%; Score 7; DB 4; Length 517;  
 Best Local Similarity 100.0%; Pred. No. 2.3e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 252 VLAVAL 258  
 Db 253 VLAVAL 259

RESULT 28  
 US-08-928-692-12  
 Sequence 12, Application US/08928692  
 Patent No. 5958727  
 GENERAL INFORMATION:  
 APPLICANT: Brody, Howard  
 APPLICANT: Yaver, Deborah S.  
 APPLICANT: Lamsa, Michael  
 APPLICANT: Hansen, Kim  
 TITLE OF INVENTION: Methods for Modifying the Production of  
 NUMBER OF SEQUENCES: 80  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: No. 5958727disk of No. 5958727th America, Inc.  
 STREET: 405 Lexington Avenue  
 CITY: New York  
 STATE: NY  
 COUNTRY: USA  
 ZIP: 10174  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FasSeq for Windows Version 2.0  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/928,692  
 FILING DATE: 12-SEPT-1997  
 CLASSIFICATION: 45  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Lambiris, Elias J  
 REGISTRATION NUMBER: 33,728

REFERENCE/DOCKET NUMBER: 4944.200-US  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-878-9655  
 TELEX: 212-878-9655

INFORMATION FOR SEQ ID NO: 12:

SEQUENCE CHARACTERISTICS:  
 LENGTH: 524 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: No. 5958727e  
 US-09-928-692-12

RESULT 29  
 US-09-339-972-12  
 Sequence 12, Application US/09339972  
 Patent No. 6323002

GENERAL INFORMATION:  
 APPLICANT: Brody, Howard  
 APPLICANT: Yaver, Deborah S.  
 APPLICANT: Lamm, Michael  
 APPLICANT: Hansen, Kim  
 TITLE OF INVENTION: Methods for Modifying the Production of  
 NUMBER OF SEQUENCES: 80

CORRESPONDENCE ADDRESS:  
 ADDRESSEES: No. 63230020 No. 6323002disk of No. 6323002th America, Inc.  
 STREET: 405 Lexington Avenue  
 CITY: New York  
 STATE: NY  
 COUNTRY: USA  
 ZIP: 10174

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Diskette  
 COMPUTER: IBM Compatible  
 OPERATING SYSTEM: DOS  
 SOFTWARE: FastSEQ for Windows Version 2.0

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/09/339, 972

FILING DATE:  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/928, 692  
 FILING DATE:  
 ATTORNEY/AGENT INFORMATION:  
 NAME: Lambiris, Elias J  
 REGISTRATION NUMBER: 33, 728  
 REFERENCE/DOCKET NUMBER: 4944.200-US

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 212-878-9655  
 TELEX: 212-878-9655

INFORMATION FOR SEQ ID NO: 12:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 524 amino acids  
 TYPE: amino acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: No. 6323002e  
 US-09-339-972-12

Query Match 2.3%; Score 7; DB 4; Length 524;  
 Best Local Similarity 100.0%; Pred. No. 2.4e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 201 TGTLVFT 207  
 Db 7 TGTLVFT 13

RESULT 30  
 US-09-252-991A-18576  
 Sequence 18576, Application US/09252991A  
 Patent No. 6551795

GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: 107196.136  
 CURRENT APPLICATION NUMBER: US/09/252, 991A  
 CURRENT FILING DATE: 1999-02-18  
 PRIOR APPLICATION NUMBER: US 60/074, 788  
 PRIOR FILING DATE: 1998-02-18  
 PRIORITY NUMBER: US 60/094, 190  
 PRIORITY FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 18576  
 LENGTH: 547  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-18576

Query Match 2.3%; Score 7; DB 4; Length 547;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 20 LLLFRG 26  
 Db 179 LLLFRG 185

RESULT 31  
 US-09-252-991A-18110  
 Sequence 18110, Application US/09252991A  
 Patent No. 6551795

GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.  
 TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: 107196.136  
 CURRENT APPLICATION NUMBER: US/09/252, 991A  
 CURRENT FILING DATE: 1999-02-18  
 PRIOR APPLICATION NUMBER: US 60/074, 788  
 PRIOR FILING DATE: 1998-02-18  
 PRIORITY NUMBER: US 60/094, 190  
 PRIORITY FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 18110  
 LENGTH: 556  
 TYPE: PRT  
 ORGANISM: Pseudomonas aeruginosa  
 US-09-252-991A-18110

Query Match 2.3%; Score 7; DB 4; Length 556;  
 Best Local Similarity 100.0%; Pred. No. 2.5e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 RRRPRLR 10  
 Db 451 RRRPRLR 457

RESULT 32  
 US-09-252-991A-25264  
 Sequence 25264, Application US/09252991A  
 Patent No. 6551795  
 GENERAL INFORMATION:  
 APPLICANT: Marc J. Rubenfield et al.

TITLE OF INVENTION: NUCLEARIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
 FILE REFERENCE: 107196-136  
 CURRENT APPLICATION NUMBER: US/09/252, 991A  
 CURRENT FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/074, 788  
 PRIOR FILING DATE: 1998-02-18  
 PRIOR APPLICATION NUMBER: US 60/094, 190  
 PRIOR FILING DATE: 1998-07-27  
 NUMBER OF SEQ ID NOS: 33142  
 SEQ ID NO 25264  
 LENGTH: 603  
 TYPE: PRT  
 ORGANISM: *Pseudomonas aeruginosa*  
 US-09-252-991A-25264

Query Match 2.3%; Score 7; DB 4; Length 603;  
 Best Local Similarity 100.0%; Pred. No. 2.7e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;  
 QY 2 ALRRPRR 8  
 Db 206 ALRRPRR 212

RESULT 33  
 US-09-252-991A-19749  
 Sequence 19749, Application US/09252991A  
 ; Patent No. 6551795  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Marc J. Rubenfield et al.  
 ; TITLE OF INVENTION: NUCLEARIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS  
 ; FILE REFERENCE: 107196-136  
 ; CURRENT APPLICATION NUMBER: US/09/252, 991A  
 ; CURRENT FILING DATE: 1998-02-18  
 ; PRIOR APPLICATION NUMBER: US 60/074, 788  
 ; PRIOR FILING DATE: 1998-02-18  
 ; PRIOR APPLICATION NUMBER: US 60/094, 190  
 ; PRIOR FILING DATE: 1998-07-27  
 ; NUMBER OF SEQ ID NOS: 33142  
 ; SEQ ID NO 19749  
 LENGTH: 621  
 TYPE: PRT  
 ORGANISM: *Pseudomonas aeruginosa*  
 US-09-252-991A-19749

Query Match 2.3%; Score 7; DB 4; Length 621;  
 Best Local Similarity 100.0%; Pred. No. 2.8e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;  
 QY 146 VPKAVPV 152  
 Db 384 VPKAVPV 390

RESULT 34  
 US-08-706-936-2  
 Sequence 2, Application US/08706936  
 ; Patent No. 5792851  
 ; GENERAL INFORMATION:  
 ; APPLICANT: VICTOR L. SCHUSTER AND RUN LU  
 ; TITLE OF INVENTION: HUMAN PROSTAGLANDIN TRANSPORTER  
 ; NUMBER OF SEQUENCES: 4  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN  
 ; STREET: 90 PARK AVENUE  
 ; CITY: NEW YORK  
 ; STATE: NEW YORK  
 ; COUNTRY: U.S.A.  
 ; ZIP: 10016  
 COMPUTER READABLE FORM:  
 COMPUTER TYPE: 3.5 INCH 1.44 Mb STORAGE DISKETTE  
 COMPUTER: IBM PC COMPATIBLE  
 OPERATING SYSTEM: MS-DOS  
 SOFTWARE: ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/705, 936  
 FILING DATE: SEPTEMBER 3, 1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: CRAIG J. ARNOLD  
 REGISTRATION NUMBER: 34, 287  
 REFERENCE/DOCKET NUMBER: 96700/405  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 697-5995  
 TELEFAX: (212) 286-0854 or 286-0032  
 TELEX: TMX 710-581-4766  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 642  
 TYPE: AMINO ACID  
 MOLECULE TYPE:  
 DESCRIPTION: PROTEIN  
 HYPOTHETICAL: YES  
 ORIGINAL SOURCE:  
 ORGANISM: HUMAN  
 INDIVIDUAL ISOLATE: PROSTAGLANDIN TRANSPORTER  
 US-08-706-936-2

RESULT 35  
 US-08-706-936-3  
 Query Match 2.3%; Score 7; DB 1; Length 642;  
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0;  
 Gaps 0;  
 QY 28 LIGAVNL 34  
 Db 366 LIGAVNL 372

RESULT 35  
 US-08-706-936-3  
 Sequence 3, Application US/08706936  
 ; Patent No. 5792851  
 ; GENERAL INFORMATION:  
 ; APPLICANT: VICTOR L. SCHUSTER AND RUN LU  
 ; TITLE OF INVENTION: HUMAN PROSTAGLANDIN TRANSPORTER  
 ; NUMBER OF SEQUENCES: 4  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: AMSTER, ROTHSTEIN & EBENSTEIN  
 ; STREET: 90 PARK AVENUE  
 ; CITY: NEW YORK  
 ; STATE: NEW YORK  
 ; COUNTRY: U.S.A.  
 ; ZIP: 10016  
 COMPUTER READABLE FORM:  
 COMPUTER TYPE: 3.5 INCH 1.44 Mb STORAGE DISKETTE  
 COMPUTER: IBM PC COMPATIBLE  
 OPERATING SYSTEM: MS-DOS  
 SOFTWARE: ASCII  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/705, 936  
 FILING DATE: SEPTEMBER 3, 1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: CRAIG J. ARNOLD  
 REGISTRATION NUMBER: 34, 287  
 REFERENCE/DOCKET NUMBER: 96700/405  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 697-5995  
 TELEFAX: (212) 286-0854 or 286-0032  
 TELEX: TMX 710-581-4766  
 INFORMATION FOR SEQ ID NO: 3:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 642  
 TYPE: AMINO ACID  
 MOLECULE TYPE: UNKNOWN

DEscription: PROTEIN  
 Hypothetical: YES  
 ORIGINal SOURCE: RAT  
 INDIVIDUAL ISOLATE: PROSTAGLANDIN TRANSPORTER  
 US-08-706-936-3

Query Match 2.3%; Score 7; DB 1; Length 642;  
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 28 LIGAVNL 34  
 Db 365 LIGAVNL 371

RESULT 36  
 US-08-616-844-39  
 ; Sequence 39, Application US/08616844  
 ; Patent No. 5849578

GENERAL INFORMATION:  
 APPLICANT: FALB, DEAN A.  
 TITLE OF INVENTION: COMPOSITION AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE  
 NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10036-2711

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/616,844  
 FILING DATE: 15 MAR 1996  
 CLASSIFICATION: 800

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/599,654  
 FILING DATE: 09-FEB-1996  
 ATTORNEY/AGENT INFORMATION:  
 NAME: CORUZZI, LAURA A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7853-041

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-8864  
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 39:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 643 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: unknown  
 MOLECULE TYPE: protein

US-08-599-654-39

Query Match 2.3%; Score 7; DB 2; Length 643;  
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 28 LIGAVNL 34  
 Db 367 LIGAVNL 373

RESULT 38  
 US-08-944-868A-39  
 ; Sequence 39, Application US/08944868A  
 ; Patent No. 6018025

GENERAL INFORMATION:  
 APPLICANT: FALB, DEAN A.  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE  
 NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York

RESULT 37  
 US-08-599-654-39  
 ; Sequence 39, Application US/08599654  
 ; Patent No. 58492925

GENERAL INFORMATION:  
 APPLICANT: FALB, DEAN A.  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE  
 NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York  
 STATE: New York  
 COUNTRY: USA  
 ZIP: 10036-2711

COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/599,654  
 FILING DATE: 09-FEB-1996  
 CLASSIFICATION: 800

PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/485,573  
 FILING DATE: 07-JUN-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: CORUZZI, LAURA A.  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7853-041

TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-8864  
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 39:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 643 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: unknown  
 MOLECULE TYPE: protein

US-08-599-654-39

Query Match 2.3%; Score 7; DB 2; Length 643;  
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 28 LIGAVNL 34  
 Db 367 LIGAVNL 373

RESULT 38  
 US-08-944-868A-39  
 ; Sequence 39, Application US/08944868A  
 ; Patent No. 6018025

GENERAL INFORMATION:  
 APPLICANT: FALB, DEAN A.  
 TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE  
 NUMBER OF SEQUENCES: 54

CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PENNIE & EDMONDS  
 STREET: 1155 Avenue of the Americas  
 CITY: New York

COUNTRY: New York USA  
 ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/944,868A  
 FILING DATE: 10-FEB-1995  
 CLASSIFICATION:  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: 08/599,654  
 FILING DATE:  
 APPLICATION DATA:  
 APPLICATION NUMBER: US 08/386,844  
 FILING DATE: 10-FEB-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: CORUZZI, LAURA A  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7853-105  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-8864  
 TELEFAX: 66141 PENNIE  
 INFORMATION FOR SEQ ID NO: 39:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 643 amino acids  
 TYPE: amino acid  
 STRANDEDNESS:  
 TOPOLOGY: unknown  
 MOLECULE TYPE: protein  
 MOLWT: 39  
 SEQUENCE: 08-944-423A-39  
 Sequence 39, Application US/0894423A  
 GENERAL INFORMATION:  
 Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
 Mismatches 0; Indels 0; Gaps 0;  
 BEST LOCAL SIMILARITY: 100.0%;  
 PRED. NO.: 2.9e+02;  
 MISMATCHES: 0;  
 INDELs: 0;  
 GAPS: 0;  
 MISMATCHES: 0;  
 INDELS: 0;  
 GAPS: 0;  
 28 LIGAVNL 34  
 |||||  
 367 LIGAVNL 373  
 ; RESULT 40  
 US-08-944-496-39  
 ; Sequence 39, Application US/08944496  
 ; Patent No. 6124433  
 ; GENERAL INFORMATION:  
 ; APPLICANT: FABB, DEAN A  
 ; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE  
 ; TITLE OF INVENTION: TREATMENT AND DIAGNOSIS OF CARDIOVASCULAR DISEASE  
 ; NUMBER OF SEQUENCES: 54  
 ; CORRESPONDENCE ADDRESS:  
 ; ADDRESSEE: PENNIE & EDMONDS LLP  
 ; STREET: 1155 Avenue of the Americas  
 ; CITY: New York  
 ; STATE: New York  
 ; COUNTRY: USA  
 ; ZIP: 10036-2711  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/944,496  
 FILING DATE: 06-OCT-1997  
 CLASSIFICATION: 514  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/599,654  
 FILING DATE: 09-FEB-1996  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/485,573  
 FILING DATE: 07-JUN-1995  
 PRIORITY APPLICATION DATA:  
 APPLICATION NUMBER: US 08/386,844  
 FILING DATE: 10-FEB-1995  
 ATTORNEY/AGENT INFORMATION:  
 NAME: CORUZZI, LAURA A  
 REGISTRATION NUMBER: 30,742  
 REFERENCE/DOCKET NUMBER: 7853-104  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: (212) 790-9090  
 TELEFAX: (212) 869-8864  
 TELEFAX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 39:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 643 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; MOLECULE TYPE: protein  
; US-08-944-496-39

Query Match 2.3%; Score 7; DB 3; Length 643;  
Best Local Similarity 100.0%; Pred. No. 2.9e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 28 LIGAVNL 34  
Db 367 LIGAVNL 373

RESULT 41  
US-08-553-279-2  
; Sequence 2, Application US/08553279  
; Patent No. 5801024  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: No. 5801024el oxidoreductase from filamentous fungi, TITLE OF INVENTION: DNA coding therefore and cells transformed with said DNA.  
; NUMBER OF SEQUENCES: 9  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30B (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/553,279  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP PCT/NL94/00135  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 693 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: unknown  
; TOPOLOGY: unknown  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
; US-08-553-279-2

Query Match 2.3%; Score 7; DB 1; Length 693;  
Best Local Similarity 100.0%; Pred. No. 3.1e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 250 LVLVLVL 256  
Db 9 LVLVLVL 15

RESULT 42  
US-09-252-991A-30631  
; Sequence 30631, Application US/09252991A  
; Patent No. 6551795  
; GENERAL INFORMATION:  
; APPLICANT: Marc J. Rubenfield et al.  
; TITLE OF INVENTION: NUCLEAR ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS TETRAGENUS FOR DIAGNOSTICS AND THERAPEUTICS  
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS  
; FILE REFERENCE: 107196\_136  
; CURRENT APPLICATION NUMBER: US/09/252,991A  
; CURRENT FILING DATE: 1999-02-18  
; PRIOR APPLICATION NUMBER: US 60/074,788  
; PRIOR FILING DATE: 1998-02-18  
; PRIOR APPLICATION NUMBER: US 60/094,190  
; PRIOR FILING DATE: 1998-07-27

RESULT 43  
US-08-310-912A-2  
; Sequence 2, Application US/08310912A  
; Patent No. 5981730  
; GENERAL INFORMATION:  
; APPLICANT: Ausabel, Frederick M.  
; APPLICANT: Staskawicz, Brian J.  
; APPLICANT: Brent, Andrew P.  
; APPLICANT: Dahlbeck, Douglas  
; APPLICANT: Katagiri, Fumiaki  
; APPLICANT: Kunkel, Barbara N.  
; APPLICANT: Mindrinos, Michael N.  
; APPLICANT: Yu, Guo-Liang  
; TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND DETECTION  
; NUMBER OF SEQUENCES: 208  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Fish & Richardson P.C.  
; STREET: 225 Franklin Street  
; CITY: Boston  
; STATE: MA  
; COUNTRY: USA  
; ZIP: 02110-2204  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.30B  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/310,912A  
; FILING DATE: September 22, 1994  
; CLASSIFICATION: 536  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/227,360  
; FILING DATE: April 13, 1994  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Lech, Karen F.  
; REGISTRATION NUMBER: 35,238  
; REFERENCE/DOCKET NUMBER: 00786/254001  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 542-6070  
; TELEFAX: (617) 542-8906  
; TELEX: 100254  
; INFORMATION FOR SEQ ID NO: 2:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 885 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: not relevant  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-310-912A-2

Query Match 2.3%; Score 7; DB 2; Length 885;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 256 LALITLG 262

Db 342 | LALITLG 348

RESULT 44

Sequence 2, Application US/08841089

Patent No. 6127607

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staskawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunkel, Barbara N.

APPLICANT: Mindrinos, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND METHODS

NUMBER OF SEQUENCES: 106

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson

STREET: 225 Franklin Street Suite 3100

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2904

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/841,089

FILING DATE: 13-APR-1994

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/227,360

FILING DATE: 13-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00786/230001.

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 100254

SEQUENCE CHARACTERISTICS:

SEQUENCE FOR SEQ ID NO: 2:

LENGTH: 885 amino acids

TYPE: amino acid

STRANDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-841-089-2

Query Match 2.3%; Score 7; DB 3; Length 885;

Best Local Similarity 100.0%; Prod. No. 3.8e+02;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 342 | LALITLG 348

RESULT 46

PCT-US95-04570-2

Sequence 2, Application PC/TUS9504570

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staskawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunkel, Barbara N.

APPLICANT: Mindrinos, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE AND USES THEREOF

NUMBER OF SEQUENCES: 106

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson

STREET: 225 Franklin Street Suite 3100

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2904

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/04570

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/227,360

FILING DATE: 13-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00786/230001.

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 100254

SEQUENCE CHARACTERISTICS:

SEQUENCE FOR SEQ ID NO: 2:

LENGTH: 885 amino acids

TYPE: amino acid

STRANDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-841-089-2

Query Match 2.3%; Score 7; DB 3; Length 885;

Best Local Similarity 100.0%; Prod. No. 3.8e+02;

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Db 342 | LALITLG 348

RESULT 45

Sequence 2, Application US/09301085

Patent No. 6262248

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staskawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunkel, Barbara N.

APPLICANT: Mindrinos, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND METHODS

NUMBER OF SEQUENCES: 106

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson

STREET: 225 Franklin Street Suite 3100

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2904

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK

COMPUTER: IBM PC COMPATIBLE

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/04570

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/227,360

FILING DATE: 13-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00786/230001.

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: (617) 542-8906

TELEX: 100254

SEQUENCE CHARACTERISTICS:

SEQUENCE FOR SEQ ID NO: 2:

LENGTH: 885 amino acids

TYPE: amino acid

STRANDNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: protein

US-09-301-085-2

LENGTH: 885 amino acids

TYPE: amino acid

STRANDBNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: protein

PCT-US95-04570-2

Query Match 2.3%; Score 7; DB 5; Length 885;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0;

QY 256 Lalitlg 262  
Db 342 Lalitlg 348

RESULT 47

PCT-US95-04589-2

Sequence 2, Application PC/rus9504589

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staskawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunzel, Barbara N.

APPLICANT: Mindrinos, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE AND USES THEREOF

NUMBER OF SEQUENCES: 201

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson

STREET: 225 Franklin Street Suite 3100

CITY: Boston

STATE: MA

COUNTRY: USA

ZIP: 02110-2904

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patternin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: PCT/US95/04589

APPLICATION NUMBER: PCT/US95/04589

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/227,360

FILING DATE: 13-APR-1994

ATTORNEY/AGENT INFORMATION:

NAME: Clark, Paul T.

REGISTRATION NUMBER: 30,162

REFERENCE/DOCKET NUMBER: 00786/230001

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

TELEFAX: 100254

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 885 amino acids

TYPE: amino acid

STRANDBNESS: not relevant

TOPOLOGY: linear

MOLECULE TYPE: protein

PCT-US95-04589-2

Query Match 2.3%; Score 7; DB 5; Length 885;  
Best Local Similarity 100.0%; Pred. No. 3.8e+02;  
Matches 7; Conservative 0; Mismatches 0; Indels 0;

QY 256 Lalitlg 262  
Db 342 Lalitlg 348

RESULT 48

US-08-930-996A-7

Sequence 7, Application US/08930996A

Patent No. 6100449

GENERAL INFORMATION:

APPLICANT: Fluhr, Robert

APPLICANT: Esched, Yuval

APPLICANT: Ori, Naomi

APPLICANT: Paran, Ilan

APPLICANT: Zamir, Daniel

TITLE OF INVENTION: A GENE FAMILY FROM THE 12 FUSARIUM RESISTANCE

TITLE OF INVENTION: LOCUS OF TOMATO AND USE THEREOF FOR TRANSFORMATION AND

TITLE OF INVENTION: SELECTIVE BREEDING OF TOMATO AND RELATED PLANTS

NUMBER OF SEQUENCES: 12

CORRESPONDENCE ADDRESS:

ADDRESSEE: Brody and Neimark

STREET: 419 Seventh Street, N.W., Suite 300

CITY: Washington

STATE: D.C.

COUNTRY: USA

ZIP: 20004

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patternin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/930.996A

APPLICATION NUMBER: US 08/930.996A

FILING DATE: 09-DEC-1997

PRIOR APPLICATION DATA:

APPLICATION NUMBER: PCT/US96/05272

FILING DATE: 15-APR-1996

PRIOR APPLICATION DATA:

APPLICATION NUMBER: IL 113,373

FILING DATE: 13-APR-1995

INFORMATION FOR SEQ ID NO: 7:

SEQUENCE CHARACTERISTICS:

LENGTH: 907 amino acids

TYPE: amino acid

STRANDBNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-930-996A-7

RESULT 49

US-08-310-912A-142

Sequence 142, Application US/08310912A

Patent No. 5881730

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staskawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunzel, Barbara N.

APPLICANT: Mindrinos, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND DETECTION

TITLE OF INVENTION: METHODS

NUMBER OF SEQUENCES: 208

CORRESPONDENCE ADDRESS:

ADDRESSEE: Fish & Richardson P.C.

STREET: 225 Franklin Street  
 CITY: Boston  
 STATE: MA  
 COUNTRY: USA  
 ZIP: 02110-2904

COMPUTER READABLE FORM:  
 MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30B

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/310,912A

FILING DATE: September 22, 1994

CURRENT CLASSIFICATION: 536

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/227,360

FILING DATE: April 13, 1994

ATTORNEY/AGENT INFORMATION:

NAME: Lech, Karen F.

REGISTRATION NUMBER: 35,238

TELECOMMUNICATION INFORMATION:

TELEPHONE: (617) 542-5070

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INFORMATION FOR SEQ ID NO: 142:

SEQUENCE CHARACTERISTICS:

LENGTH: 909 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-310-912A-142

Query Match 2.3%; Score 7; DB 2; Length 909;  
 Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	256	LALITLG	262
Db	350	LALITLG	356

RESULT 50

US-09-301-085-142

Sequence 142, Application US/09301085

Patent No. 6262248

GENERAL INFORMATION:

APPLICANT: Ausubel, Frederick M.

APPLICANT: Staskawicz, Brian J.

APPLICANT: Brent, Andrew F.

APPLICANT: Dahlbeck, Douglas

APPLICANT: Katagiri, Fumiaki

APPLICANT: Kunkel, Barbara N.

APPLICANT: Mindrinos, Michael N.

APPLICANT: Yu, Guo-Liang

TITLE OF INVENTION: RPS2 GENE FAMILY, PRIMERS, PROBES, AND

TITLE OF INVENTION: DETECTION METHODS

FILE REFERENCE: 00786/254002

CURRENT APPLICATION NUMBER: US/09/301,085

CURRENT FILING DATE: 1999-04-28

EARLIER APPLICATION NUMBER: 08/310,912

EARLIER FILING DATE: 1994-09-22

EARLIER APPLICATION NUMBER: 08/227,360

EARLIER FILING DATE: 1999-04-13

NUMBER OF SEQ ID NOS: 208

SOFTWARE: FastSBQ for Windows Version 4.0

SEQ ID NO: 142

LENGTH: 909

TYPE: PRT

ORGANISM: *Arabidopsis thaliana*

US-09-301-085-142

Query Match

Best Local Similarity 100.0%; Pred. No. 3.9e+02;  
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	256	LALITLG	262
Db	350	LALITLG	356

Search completed: December 15, 2003, 15:01:29  
 Job time : 23 secs

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